

METHOD AND SYSTEM FOR DETECTION OF LEFT VENTRICULAR HYPERTROPHY

ABSTRACT OF THE DISCLOSURE

A method and system for diagnosing left ventricular hypertrophy ("LVH") based on ECG data. An LVH system provides an indication of the likelihood that a patient has LVH based on an analysis of the patient's ECG data. The LVH system estimates the left ventricular mass index ("LVMI") for the patient based on gender-specific formulae that use time-voltage data derived from the ECG data. After the LVH system calculates the estimated LVMI for the patient, it then classifies the estimated LVMI to indicate the likelihood that the patient has LVH. The LVH system may then select various statements of condition and rationale based on the patient's classification.